



Gulf of Mexico Harmful Algal Bloom Bulletin

18 September 2007

NOAA Ocean Service

NOAA Satellites and Information Service

Last bulletin: September 11, 2007

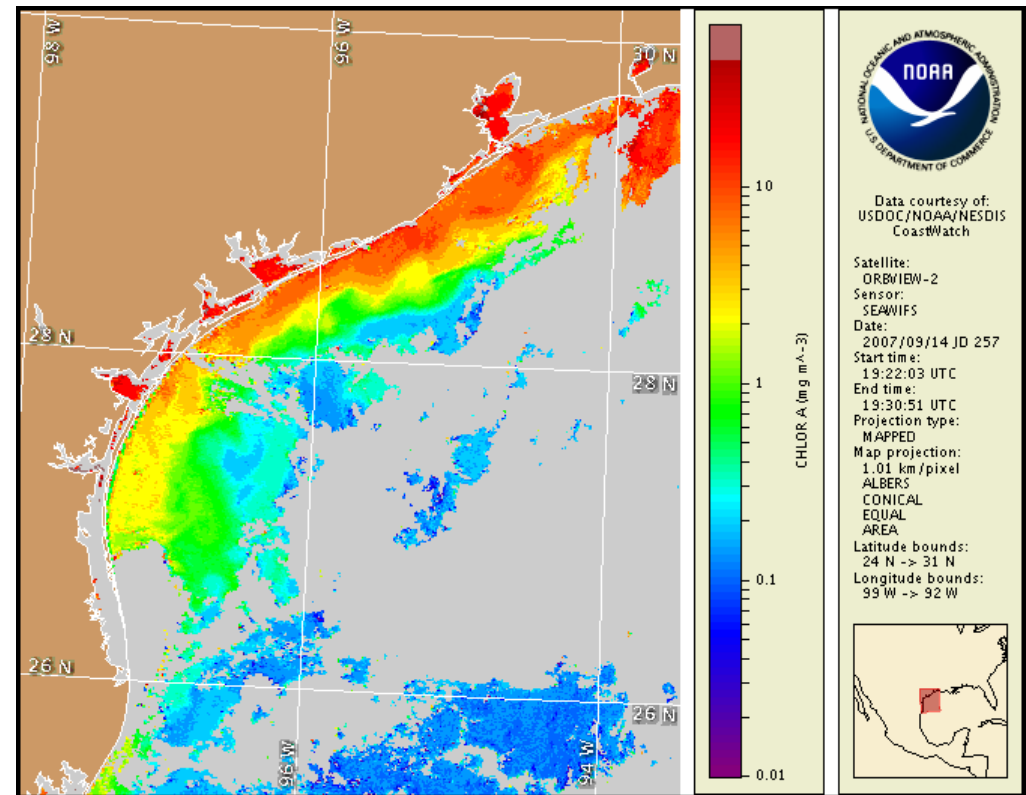
Conditions Report

There have been no recent reports of red tide. No impacts are expected along Texas coast.

Analysis

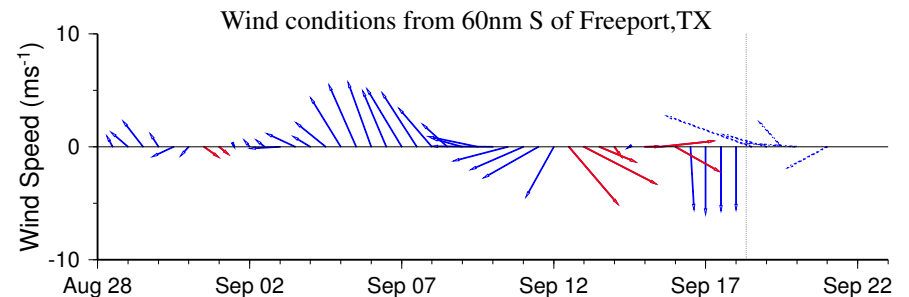
Imagery indicates an area of recently elevated chlorophyll from San Antonio Bay to south of Baffin Bay, but this seems to be part of a larger high chlorophyll feature that stretches along most of the Texas coast. The feature is likely related to recent strong winds, which may have resulted in resuspended chlorophyll and/or a non-harmful algal bloom. No recent reports of discolored water nor fish kills have been received.

Lopez, Wynne



Satellite chlorophyll image with possible HAB areas shown by red polygon(s). Cell concentration sampling data from September 10 to 17 shown as red (high), orange (medium), yellow (low b), brown (low a), blue (very low b), purple (very low a), pink (present), and green (not present). For a list of cell count data providers and a key to the cell concentration categories, please see the HABFS bulletin guide:

http://www.csc.noaa.gov/crs/habf/habfs_bulletin_guide.pdf

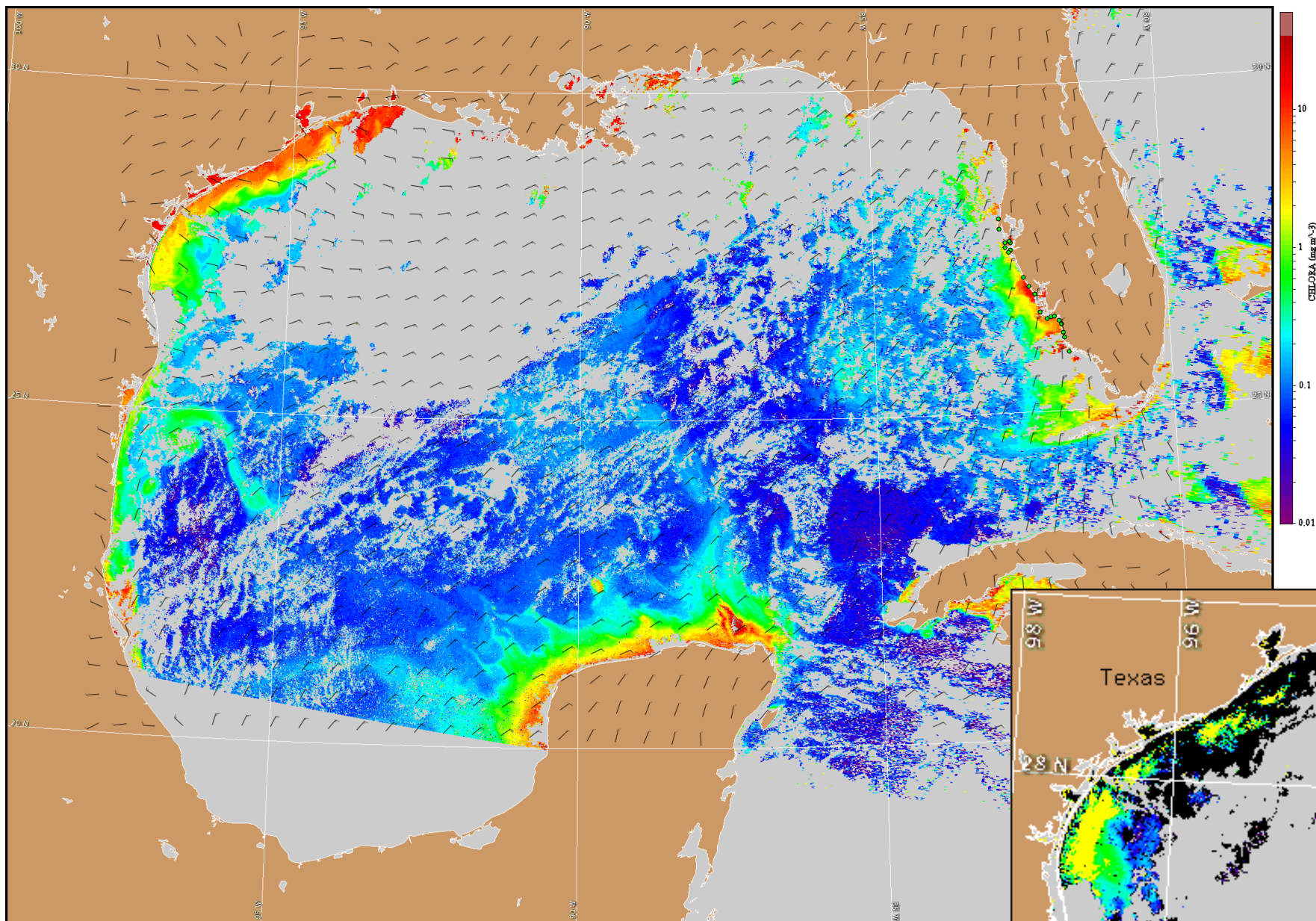


Wind speed and direction are averaged over 12 hours from buoy measurements. Length of line indicates speed; angle indicates direction. Red indicates that the wind direction favors upwelling near the coast. Values to the left of the dotted vertical line are measured values; values to the right are forecasts.

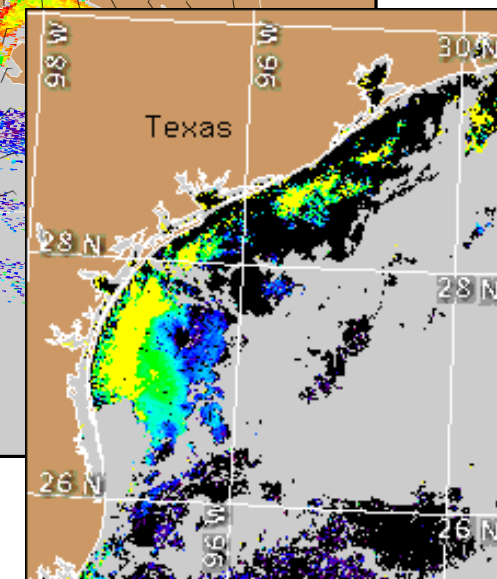
Today, southeast wind at 5 to 10 knots. Wednesday through Friday, east wind at 5-10 knots.

Please note the following restrictions on all SeaWiFS imagery derived from CoastWatch.

1. Data are restricted to civil marine applications only; i.e. federal, state, and local government use/distribution is permitted.
2. Image products may be published in newspapers. Any other publishing arrangements must receive GeoEye approval via the CoastWatch Program.



Satellite chlorophyll image and forecast winds for September 19, 2007 12Z with Cell concentration sampling data from September 10 to 17 shown as red (high), orange (medium), yellow (low b), brown (low a), blue(very low b), purple (very low a), pink (present), and green (not present). For a list of cell count data providers and a key to the cell concentration categories, please see the HABFS bulletin guide: http://www.csc.noaa.gov/crs/habf/habfs_bulletin_guide.pdf



Verified and suspected HAB areas shown in red. Other areas of high chlorophyll concentration shown in yellow (see p. 1 analysis for interpretation).